(c) and (d) Monarchak Gas based power project of Tripura was not accorded investment approval due to non availability of gas for this project and in view of the advantages of economy of scale in setting up of Palatana Project (750 MW) in Tripura.

Increase in power cuts

2037. SHRI S. ANBALAGAN: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that the duration of power cuts has increased dramatically during the last three months;

(b) if so, the State-wise details thereof and the reasons therefor;

(c) whether the Union Government propose to chalk out any long-term plan to tackle the worsening power situation in the country; and

(d) if so, the details thereof including the quantity of power production in the country, State-wise, and the projection, for next five years and the gap in the production and demand?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) and (b) There has been overall shortage of power in the country during the current summer season except for some States. The shortages vary from State to State, month to month and hour to hour. The load shedding and power cuts are imposed by the respective distribution companies/ electricity boards depending on their power requirement and availability. The power demand of a State is met from its own generation, allocation from Central Sector Generating stations and through bi-lateral short-term arrangement. The main reason for short supply of power is increase in demand for power outstripping, the increase in availability of power. The details of notified power cuts during last three months (May-July, 2006) are given in the enclosed Statement-I (*See* below).

(c) Yes, Sir. National Electricity Policy, *inter-alia*, envisages that demand of power be fully met by 2012 and that energy and peaking shortages be overcome with 5% spinning reserve being available. States have been accordingly advised to create adequate generation capacity to fully meet the growing demand of electricity. Central Government on its part has geared up its Central Sector Undertakings to enhance their generating capacity. Strengthening of national grid has also been planned

for providing adequate infrastructure for inter-state transfer of power to ensure optimum utilization of generation capacity and to transmit electricity from surplus regions to deficit regions.

(d) The target for generation of power in the country is fixed on annual basis. The actual power generation in the country during the period April-July, 2006, and target for 2006-07 is given at the enclosed Statement-II (*See* below).

In order to meet the objective of providing "Electricity to All by 2012", a capacity addition of about 1,00,000 MW is required during 10th and 11th Plan period as per assessment made by Central Electricity Authority. About 16,900 MW capacity has been commissioned in 10th Plan so far and capacity over 40,500 MW is presently under execution. A working group on power for formulation of 11th Plan has been set up by Planning Commission on whose recommendation the capacity addition programme for the plan would be firmed up. The power supply position would improve in the 11th Plan due to planned capacity addition, increase in power trading, strengthening of national grid for transfer of power from surplus to deficit regions and import to power from Tala Hydro Power Station (Bhutan).

Statement-I

Notified Power Cuts/Restrictions on Industries during May, 2006

State/ Region	Energy Cut	Demand cut
Northern Region		
Chandigarh	Nil	Nil
Delhi	Nil	Nil
Haryana	0.4 MU/day to 1.8 MU/day on HT/LT industries 12/05/06, no cut from 13/05/06	200 MW cut on HT/LT industries for different hours on different days on different days upto 12/05/06 & no cut from 13/05/06
Himachal Pradesh	0.105 MU/day on HT/LT industries	35 MW cut from 18:00 hrs. to 21:00 hrs. daily on HT/LT industries.
Jammu & Kashmir	—	50% load off for 17 hrs in Jammu area 50% load off for 15 hrs daily and in addition twice a week 28.7% load off for 7 hrs. in Valley area

State/ Region	Energy Cut	Demand cut
Punjab	2.1 MU/day from 19:00 to 22:00 hrs daily on HT/LT industries	700 MW cut from 19:00 to 22:00 hrs. daily on HT/LT industries
Rajasthan	0.9 MU/day on HT/LT indsutries	300 MW cut on HT/LT industries from 1900 to 2200 hours on all industries 1MVA and above
Uttar Pradesh	Nil	Nil
Uttaranchal	Nil	Nil
Western Region		
Chhattisgarh	HT Industries: 0.019 MU/Day, LT Industries: 0.194 MU/Day	HT Industries: 94 MW (Average) from 18:00 to 24:00 hrs per day, LT Industries: 50 MW (Average) from 18:00 to 24:00 hrs per day.
Gujarat	Nil	Nil
Madhya Pradesh	Nil	Nil
Maharashtra	Nil	Nil
Goa	Nil	Nil
Southern Region		
Andhra Pradesh	Nil. However, there was load shedding to the tune of 300 MW (102 MU for the month).	
Karnataka	Nil. However, there was load shedding to the order of 140-400 MW has been resorted to.	
Kerala	Nil	Nil
Tamil Nadu	Nil. However, all welding sets irrespective of connected load were not allowed to work between 6 p.m. and 8:30 p.m.	
Eastern Region		
Bihar	Nil	Nil
Jharkhand	Nil	Nil
DVC	Nil	Nil
Orissa	Nil	Nil
West Bengal	Nil	Nil

Note:— Although some states have reported "No Notified Power Cuts", load shedding/ restrictions are imposed on industries on day to day basis depending upon availability of power *vis-a-vis* requirement.

Notified Power Cuts/Restrictions on Industries during June, 2006

State/ Region	Energy Cut	Demand cut
Northern Region		
Chandigarh	Nil	Nil
Delhi	Nil	Nil
Haryana	1.2 MU/day to 2.8MU/day on HT/LT industries on different days upto 27/06/06, no cut from 28/06/06	200 MW cut on HT/LT industries for different hours on different days upto 27/06/06 & no cut from 28/06/06.
Himachal Pradesh	0.105 MU/day on HT/LT industries	35 MW cut from 18:00 hrs to 21:00 hrs. Industries daily on HT/LT industries.
Jammu & Kashmir	—	50% load off for 17 hrs. in Jammu area; 50% load off for 15 hrs. daily and in addition twice a week 28.7% Load off for 7 hrs in Valley area
Punjab	2.1 MU/day from daily on HT/LT Industries	700 MW cut from 19:00 to 23:00 hrs. daily on HT/LT industries
Rajasthan	0.9 MU/day to 7.2 MU/day on HT/LT industries upto 25/6/06.	300 MW cut on HT/LT industries from 1900 to 2200 hours on all industries 1 MVA and above upto 22/06/06, and from 23/6/06 to 25/6/06, 00.00 to 2400 hrs.
Uttar Pradesh	Nil	Nil
Uttaranchal	Nil	Nil
Western Region		
Chhattisgarh	HT Industries: 0.401 MU/Day, LT Industries: 0.212 MU/Day	HT Industries: 94.48 MW (Average) from 18:00 to 24:00 hrs. per day, LT Industries: 50 MW (Average) from 18:00 to 24:00 hrs. per day.
Gujarat	Nil	All industries are required to stagger their weekly off days
Madhya Pradesh	Nil	Nil
Maharashtra	Nil	Nil

State/ Region	Energy Cut	Demand cut
Goa	Nil	Nil
Southern Region		
Andhra Pradesh	Nil	Nil
Karnataka	Nil	Nil
Kerala	Nil	Nil
Tamil Nadu	Nil. However, all welding sets irrespective of connected load were not allowed to work between 6 p.m. and 8:30 p.m.	
Eastern Region		
Bihar	Nil	Nil
Jharkhand	Nil	Nil
DVC	Nil	Nil
Orissa	Nil	Nil
West Bengal	Nil	Nil

Note:— Although some states have reported "No Notified Power Cuts", load shedding/ restrictions are imposed on industries on day to day basis depending upon availability of power *vis-a-vis* requirement.

Notified Power Cuts/Restrictions on Industries during July, 2006

State/ Region	Energy Cut	Demand cut
Northern Region		
Chandigarh	0.003 MU/day to 0.005 MU/day on HT/LT industries on different days.	2 to 8 MW cut on HT/LT industries for different hours on different days.
Delhi	Nil	Nil
Haryana	1.6 MU/day to 3.4 MU/day on HT/LT industries on different days, no cut from 09/07/06 to 17.07.06 and 23/07/06 31.07.06	200 MW cut on HT/LT industries for different hours on different days, no cut from 09/07/06 to 17/07/06 and 23/07/06 to 23/07/06 to 31.07.06
Himachal Pradesh	0.255 MW/day on HT/LT industries	85 MW cut from 18:00 hrs to 21:00 hrs. daily on HT/LT industries.
Jammu & Kashmir	—	50% load off for 17 hrs in Jammu area; 50% load off for 15 hrs. daily and in

1	2	3
		addition twice a week 28.7% Load off for 7 hrs. in Valley area
Punjab	1.8 MU/day from daily on HT/LT industries	600 MW cut from 19:30 to 22:30 hrs. daily on HT/LT industries
Rajasthan	2.4 MU/day on HT/LT industries for three days (05/07/06 to 07/07/06), no cut on other days.	150 MW cut on HT/LT industries for different hours on different industries for three days (05/07/06 to 07/07/06), no cut on other days.
Uttar Pradesh	Nil	Nil
Uttaranchal	Nil	Nil
Western Region		
Chhattisgarh	HT Industries: 0.101 MU/Day, LT Industries: 0.059 MU/Day	HT Industries: 86.31 MW (Average) from 18:00 to 24:00 hrs per day, LT Industries: 50 MW (Average) from 18:00 to 24:00 hrs per day.
Gujarat	Nil	All industries are required to stagger their weekly off days
Madhya Pradesh	Nil	Nil
Maharashtra	Nil	Nil
Goa	Nil	Nil
Southern Region		
Andhra Pradesh	Nil	Nil
Karnataka	Nil	Nil
Kerala	Nil	Nil
Tamil Nadu	Nil. However, all welding sets irrespective of connected load were not allowed to work between 6 p.m. and 8:30 p.m.	
Eastern Region		
Bihar	Nil	Nil
Jharkhand	Nil	Nil
DVC	Nil	Nil
Orissa	Nil	Nil
West Bengal	Nil	Nil

Note:—Although some states have reported "No Notified Power Cuts", load shedding/ restrictions are imposed on industries on day to day basis depending upon availability of power *vis-a-vis* requirement.

Statement-II

State-wise details of the quantum of electricity generated during the current year (April - July, 2006) and the target set for 2006-07

State	Actual Generation from Apr '06 to July '06 (MU)	Target for 2006-07
Chandigarh	0	0
Delhi	3622.05	10950
Haryana	4324.52	13320
Himachal Pradesh	8484.23	18380
Jammu & Kashmir	3307.02	7898
Punjab	8896.12	25316
Rajasthan	8375.08	26490
Uttar Pradesh	25909.68	80346
Uttaranchal	2039.54	7062
Chhattisgarh	8125.25	25655
Goa	123.53	300
Gujarat	18373.36	59655
Madhya Pradesh	11663.32	38126
Maharashtra	24255.35	78151
Andhra Pradesh	21667.33	68839
Karnataka	9601.77	26673
Kerala	3158.48	8147
Lakshadweep	9.46	25
Pondicherry	90.26	260
Tamil Nadu	17857.69	52722
A & N Islands	53.61	140
Bihar	2076.96	7902
Jharkhand	3342.52	11812
Orissa	12626.45	35701
Sikkim	108.47	396
West Bengal	15095.26	46038
Arunachal Pradesh	560.85	1530
Assam	1213.49	4041

1	2	3
Manipur	143.33	454
Meghalaya	200.32	933
Mizoram	0.7	5
Nagaland	61.82	443
Tripura	386.3	1240
Bhutan Imp.	752.83	4050
ALL INDIA TOTAL	2,16,506.95	6,63,000

*tentative

Electricity supply situation in Bihar

2038. SHRI TARIQ ANWAR: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that the supply of electricity is very bad in the country, specially in Bihar;

(b) if so, the difference of demand and supply of electricity, specially in Bihar; and

(c) the steps Government are taking to minimize this margin?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) and (b) There is an overall shortage of power in the country at present including in Bihar. The shortages vary from state to state, month to month and hour to hour. The power supply position in the country including that of Bihar during the current financial year (April - July, 2006) was as under:

	Energy (MU)			Peak (MW)		
	Requirement	Availability	Shortage (%)	Demand	Met	Shortage (%)
Bihar	682	632	7.3	1,295	985	23.9
All India	54,087	50,895	5.9	90,991	80,900	11.1

(c) Electricity being a concurrent subject, supply and distribution of electricity in a state is in the purview of the concerned State Government/ State Power Utility. Government of India only supplements the efforts of State Government(s) by commissioning power projects through Central Public Sector Undertakings. The following major steps have been taken to bridge the gap between demand and supply in the country as well as in Bihar: